

Proseminar: Metrics

Instructors: Bruce Hayes
2101G Campbell Hall
MWF mornings 3125B Campbell Hall
Phone: 310 825-9507
bhayes@humnet.ucla.edu

Office hours: TF 3-4 and
by appt. Drop-ins
for quick questions
usually ok.

Russell Schuh
Phone: 310 720-2663
2126A Campbell Hall
schuh@humnet.ucla.edu

Office hours: Th 9-12 and by appt.
Drop-ins for quick
questions usually ok.

Course Requirements:

- For four-unit students:
 - A **term paper**, on a topic in metrics of your own choosing. This is due Monday June 15 (Monday after finals week).
 - Two **meetings** with at least one of us, in which you describe what you're doing with your paper and listen to suggestions. We can also read preliminary draft material if you give us a couple days' notice.
 - **Present your project in class** tenth week.
 - About three short **exercises**, giving practice in prosodic annotation, scansion, software.
 - Various **readings**. We will post these on the course web site,
<http://www.linguistics.ucla.edu/people/hayes/251HayesSchuhMetrics/>.
- For two-unit students:
 - This is pretty casual (i.e. for two units it's up to you how much you want to get out of the course)
 - We recommend keeping up with the readings and doing the exercises.

Tentative Schedule of Class Topics and Readings

- Round bullets mark topics
- Arrow bullets mark readings

Week 1

Class 1, 3/30

- Intro; sample grammar with Old English (Bruce)
 - Extracts from Morris Halle and S. Jay Keyser (1971) *English Stress: Its Form, Its Growth, and Its Role in Verse*. New York: Harper and Row.
- Intro to Hausa metrics; background (Russ)
 - Schuh, Russell (2014) “Where did quantitative metrics in Hausa and other Chadic songs come from?”, to appear in the *Proceedings of the First International Conference on Endangered Languages, Kano*.

Class 2, 4/1

- Basics of English metrics: scanning a sonnet (Bruce)
- The Hausa syncopated mutadaarik: scanning a song (Russ)
 - Read: Hausa Phonology Sketch (Russ)

Week 2

Class 3, 4/6

- Basics of English metrics: how to transcribe stress in verse (Bruce)
 - Read through the UCLA English Meter Transcription Manual
- The Hausa Mutadaarik —Socratic exercise (Russ)
 - [xxx Hausa reading TBA]

Class 4, 4/8

Juncture Day

- How juncture works in English meter; juncture profiles (Bruce)
 - Hayes and Swiger, “Two Japanese Children’s Songs”
- Juncture effects (and the absence of them) in Hausa and Bole (Russ)

Week 3

Class 5, 4/13

- Maxent metrics and the UCLA maxent software (Bruce)
 - Hayes, Wilson, and Shisko (2012)

- The *kaamil*, *waafir*, and *ramal* meters of Hausa — exercise (Russ)

Class 6, 4/15

More on maxent metrics (Bruce)

- Basics of the Hausa *rajaz* (Russ)
 - First chunk: our emerging paper on this topic

Week 4

Class 7, 4/20

The metrics of the Hausa rajaz I

- Metrical analysis in maxent and how we did it (Bruce)
- Survey of all the grids/meters of Hausa (Russ)
 - Reading: continuing to dole out bits of the emerging *rajaz* paper

Class 8, 4/22

Singing I, Backgrounds: ethnography and music theory

- Brief comments on the culture of folksinging (Appalachians, Berbers, Hausas) — universal for all of humanity except us
 - Cecil Sharp on the Appalachians
- A bit on the Lerdahl/Jackendoff theory of musical rhythm and grouping
 - The relevant chapter of Lerdahl and Jackendoff (1983)

Week 5

Class 9, 4/27

More singing: English

Learning a skill: gridifying sung and chanted music;

- class exercise in gridifying: the Appalachian Jean Ritchie (Bruce)
- class exercise in gridifying: sung Hausa (Russ)

Class 10, 4/29

- The textsetting problem in English (Bruce)
 - Hayes (2009) Textsetting as constraint conflict. In Aroui, Jean-Louis and Andy Arleo, eds. *Towards a Typology of Poetic Forms*. Amsterdam: John Benjamins, pp. 43-61.
 - Textsetting section of the Brill paper.

Week 6

Class 11, 5/4

The three-level problem

- Metrical grid and sung grid (Bruce)
- The three-level problem in English art verse/classical music/hymnody (Bruce)
- Gridlets in Hausa — bulking up the metrical grid to make the sung grid (Russ)
Yet another section of the *rajaz* paper in progress

Class 12, 5/6

More singing: Hausa

- Examples of sung Hausa (Russ)
- Gridifying them; the relation to music notation?
- Borrowing written meters from oral verse: the Hausa Anti-Mutadarik (Russ)

Week 7

Class 13, 5/11

The phonetics of singing in Hausa

- The principle compromise and an analysis in maxent phonetics (Bruce)
➤ Last section of *rajaz* paper in progress

Class 14, 5/13

- Berber oral verse (Russ, covering Dell/Elmedlaoui)
- More singers: the Serbo-Croatian bards; rap (Bruce)
➤ excerpt from Dell/Elmedlaoui book, or perhaps a Dell paper

Week 8

Class 15, 5/18

Tone matching verse (if time/interest)

- Cantonese and Mandarin (Russ)
- Tommo So (Bruce, summarizing McPherson)

Class 16, 5/20

Syllable quantity further afield I

- Ryan's universalist phonetic theory of syllable quantity (meter in Tamil, Sanskrit, Greek, Latin)

- Ryan as an exemplary exponent of the Russian Method (use of prose samples as a statistical control)
 - Ryan, Kevin M. (2011). Gradient syllable weight and weight universals in quantitative metrics. *Phonology* 28.3: 413-454.

Week 9

No class Monday, Memorial Day

Class 17, 5/27

Syllable quantity in English

- Hayes and Moore-Cantwell on Hopkins, work of Kristin Hanson
 - Optional reading: Bruce Hayes and Claire Moore-Cantwell. Gerard Manley Hopkins's sprung rhythm: corpus study and stochastic grammar *Phonology* 28:235-282

Week 10

Class 18, 6/1

Tentatively budgeted for class presentations or overflow

Class 19, 6/3

Tentatively budgeted for class presentations or overflow

Term projects due Monday 6/15